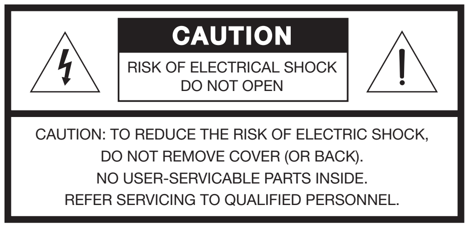
LIFESTYLE® DVD Home Entertainment Systems

Installation Guide



WARNING: *To reduce the risk of fire or electric shock, do not expose the system to rain or moisture.*

WARNING: *This apparatus shall not be exposed to dripping or splashing, and objects filled with liquids, such as vases, shall not be placed on the apparatus. As with any electronic products, use care not to spill liquids in any part of the system. Liquids can cause a failure and/or a fire hazard.*





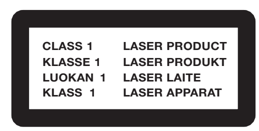
These CAUTION marks are located on your LIFESTYLE® media center and Acoustimass® module enclosures:

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle, as marked on the system, is intended to alert the user to the presence of important operating and maintenance instructions in this installation guide.

Class 1 laser product

The DVD player contained within the media center is classified as a CLASS 1 LASER PRODUCT according to EN 60825-1:1994 + A11. The CLASS 1 LASER PRODUCT label is located on the bottom of the media center.



CAUTION: *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.*

CAUTION: *No naked flame sources, such as lighted candles, should be placed on the apparatus.*

Class B emissions limits

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Batteries

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

Batteries



Additional safety information

See the additional instructions on the *Important Safety Information* sheet enclosed in the shipping carton.

Please read this installation guide

Please take the time to follow this installation guide carefully. It will help you set up and operate your system properly, and enjoy all of its advanced features. Save your installation guide for future reference.

Serial numbers are located on the bottom of the media center and the bottom panel of the Acoustimass® module.

System: (circle one) LIFESTYLE® 18 system LIFESTYLE® 28 system LIFESTYLE® 38 system LIFESTYLE® 48 system

Media center serial number: ____________________ Acoustimass module serial number:__________________

Dealer name: __________________________ Dealer phone: __________________ Purchase date:___________

Be sure to fill out your product registration card and mail it to Bose.

Bose recommends that you keep your sales slip and a copy of your product registration card together with this guide.

Where to find...

Before you begin

Thank you for your purchase of a Bose® LIFESTYLE® DVD home entertainment system. It will serve as the center of your home theater, providing superior audio performance for music and movies. There are four different systems, the LIFESTYLE® 18 Series II, LIFESTYLE® 28 Series II, LIFESTYLE® 38, and the LIFESTYLE® 48 systems. All include multiple room connections, most include the AdaptiQ® audio calibration system, and the LIFESTYLE® 38, and LIFESTYLE® 48 systems have the uMusic® intelligent playback system.

This book shows you:

- The components included with your system and how to set the system up. The pictures on the next two pages will help you become familiar with each part of your system.
  First you will set up the audio portion of the system. You will find the best locations for your media center, cube speakers, and Acoustimass® module. You will identify and connect the cables that are specific to each part of the system, the AM and FM antennas, and the power cords.
- How to make a basic connection between your LIFESTYLE® system and your television, which will allow you to see the on-screen menus.
  Your Operating Guide offers information on other aspects of the use of your system.
- How to power up the system and optimize its sound for the component placement you have selected in your room.
- How to connect other pieces of equipment, such as VCRs, cable or satellite boxes, DVD changers, game consoles, and recording equipment, to make an even more versatile home theater system.

The instructions in this section help you connect your system in your main room. However, if you wish to extend your system's sound to other rooms, read the special considerations in "Expanding your system to other rooms" on page 32 before you make any connections.

Special indicator used in this book

A box with dotted lines identifies parts which vary with different systems or in different countries.

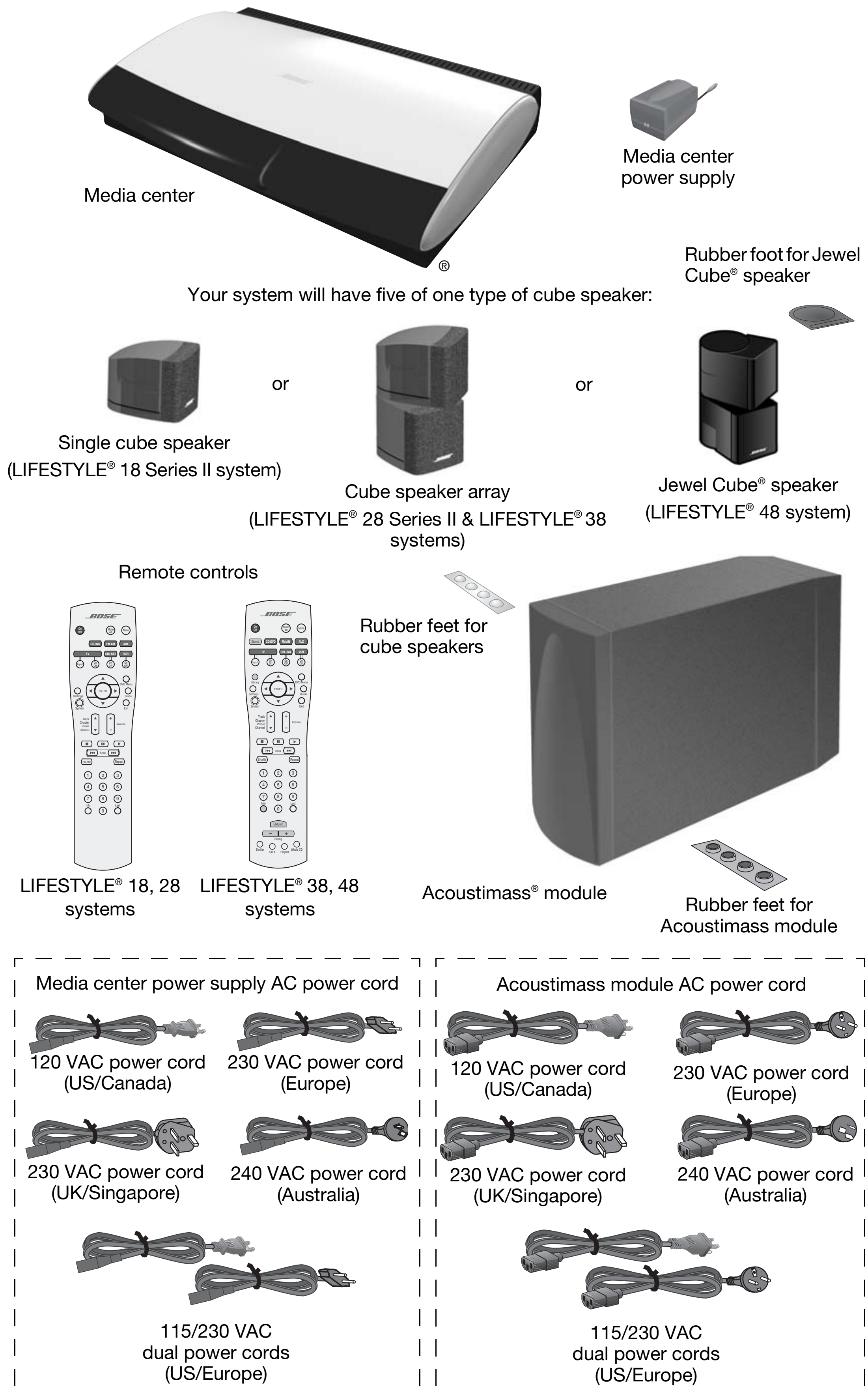
Unpacking

After unpacking your new system, save all packing materials; they may be useful as a safe way to transport your system. If any part of your system is missing or appears damaged, contact your authorized Bose dealer immediately, or contact Bose directly. Refer to the Bose address list included in the carton.

The drawings on these pages show the components of several LIFESTYLE® DVD entertainment systems. Your system will have one of the three types of cube speakers shown.

Figure 1

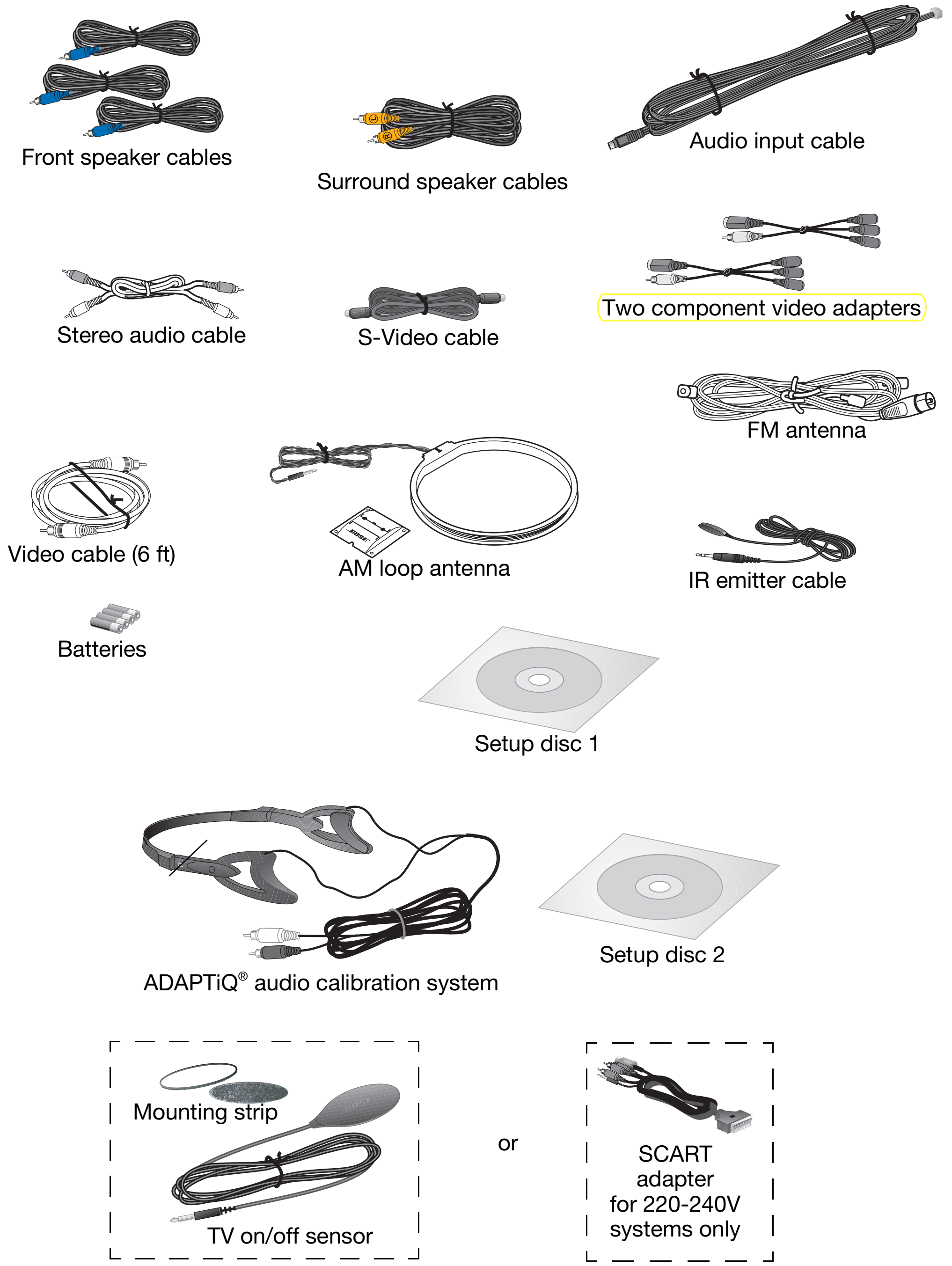
Components of the LIFESTYLE® DVD systems



Cables and accessories

Figure 2

Cables and accessories included with your system



♪ ***Note:*** *You may need other cables and adapters to complete your home theater setup. For example, if you intend to use, and your TV supports the progressive scan feature, you will need three component video cables long enough to reach from your media center component video adapter to your TV.*

English

Placing your speakers

When you place your speakers according to the guidelines below, they provide the audio atmosphere of a home theater. You may experiment with the placement and orientation of the speakers to produce the sound most pleasing to you.

CAUTION: *Choose a stable and level surface for each speaker. Vibration can cause speakers to move, particularly on smooth surfaces like marble, glass, or highly polished wood. If you place the center speaker on top of the television, for example, be sure to attach the supplied rubber feet to the bottom of that speaker. To obtain additional rubber feet, contact Bose® customer service. Refer to the Bose address list included with your system.*

Note: *Do not place a cube or cube array speaker on its side, as this diminishes performance.*

Left and right front speaker placement

To best match sound and picture, the left and right front speakers should be placed at the edge of the TV picture (Figure 3).

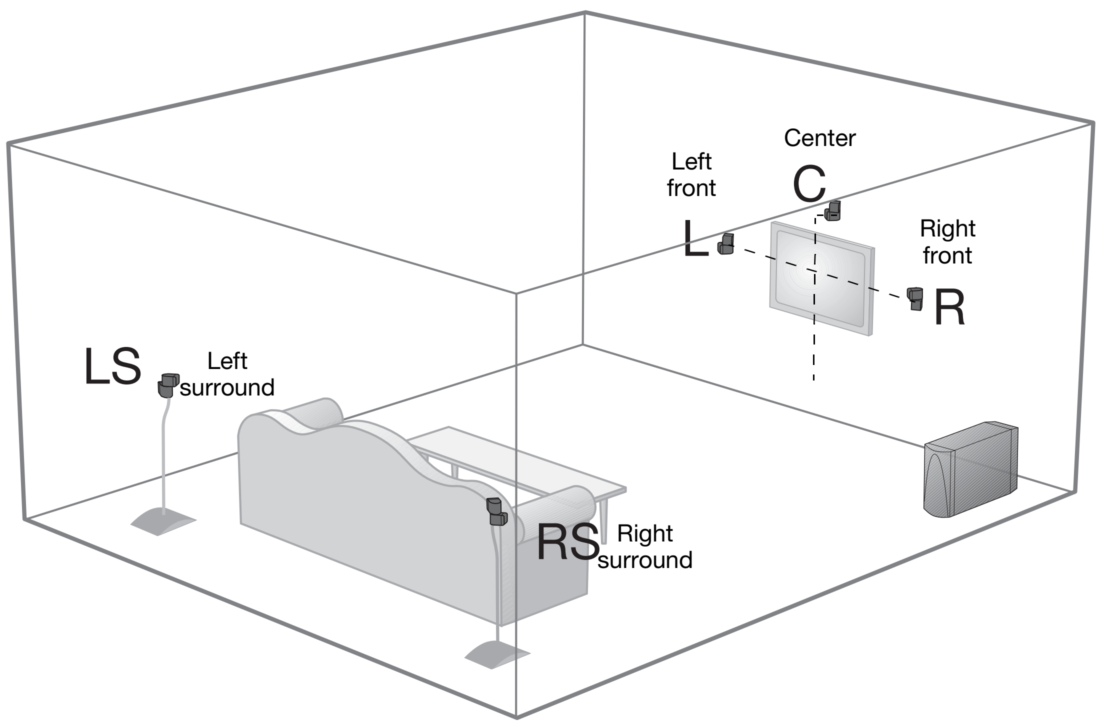
- Place each speaker up to 3 feet (1 m) from the edge of the TV screen and line them up with the center of the TV screen.

  Bose recommends a maximum distance of 3 feet (1 m) from the edge of the TV screen so that the sound does not become too separated from the picture. You may wish to vary this distance based on room conditions and personal preference. The front cables allow the speakers to be placed up to 20 feet (6.1 m) from the Acoustimass® module.

- Rotate the top cube of each speaker array (or the single cube speaker) toward the wall or in another direction to create reflected sound. See the illustration of reflected sound patterns in Figure 4 on page 9.

Figure 3

Recommended speaker locations



Note: *If the center, left, or right front speakers will be in a bookcase unit, be sure to place them at the front edge of the shelf. Placing speakers in an enclosed space can change the tonal quality of the sound.*

Figure 4

Cube speaker array placement and reflection rays

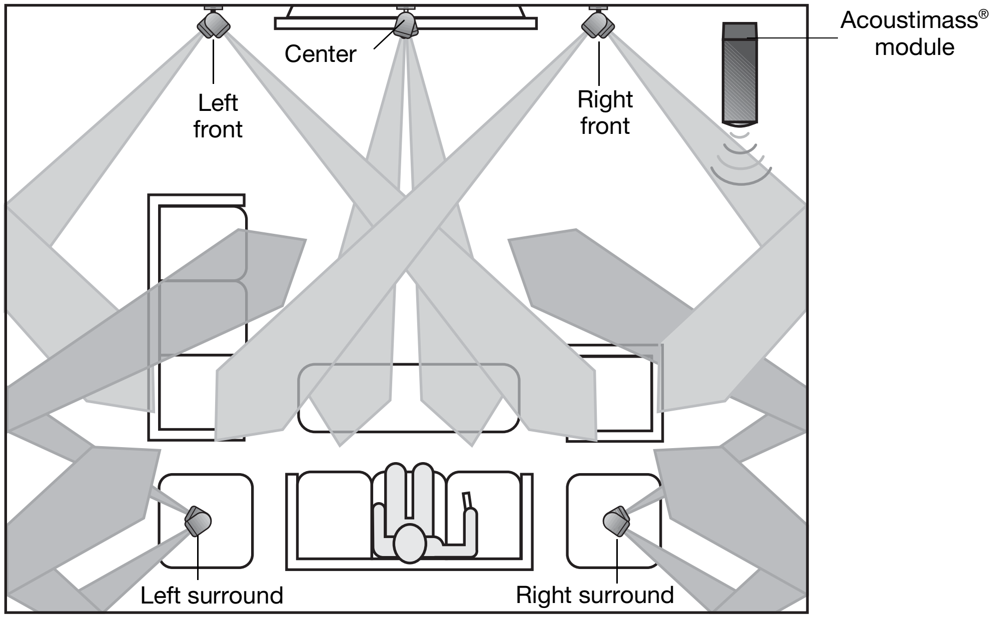
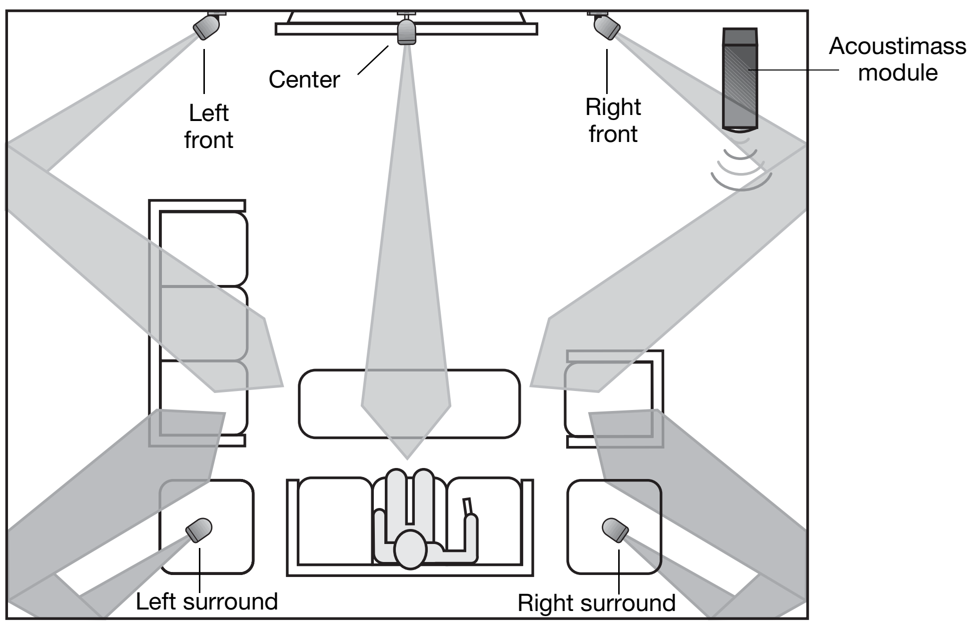


Figure 5

Single cube speaker placement and reflection rays



Center speaker placement

The center speaker sound should seem to come directly from the center of the picture. The center speaker cable allows up to 20 feet (6.1 m) distance from the Acoustimass module.

1. Place the center speaker directly above or below the center of the TV screen, or at the closest convenient location.
2. Align the speaker with the front of the TV screen (not pushed to the back of the TV).

Note: *If placed on top of the TV, attach the protective rubber feet to the bottom of the center speaker.*

Surround speaker placement

The rear surround speakers create an area of sound around the listener. Place them in the back half of your room. Direct both cubes of the speaker array (or your single cube speaker) away from the listeners so that they cannot pinpoint the exact location of the sound source. The surround cables allow up to 50 feet (15.2 m) distance from the Acoustimass® module.

1. Place the speakers at ear height (when seated) or higher, if possible.
2. Adjust the rear surround speakers to reflect sound off one or more surfaces.

The longer the path from the speaker to your ear, the better. Do not direct the sound straight at the listener.

Note: *Bose offers a variety of speaker mounting accessories, including stands and wall brackets. For further information, or to purchase accessories, contact your local Bose® dealer or visit www.bose.com. To contact Bose, refer to the address sheet included with your system.*

Acoustimass module placement

Note: *If the serial number on the bottom of the Acoustimass module is not already printed on your Product Registration card, now is a good time to record it there and in the space provided on page 3 of this guide.*

Follow these guidelines to select a location for the Acoustimass module:

- Place the Acoustimass module along the same wall as the TV, or at the same end of the room as the front speakers (refer to Figure 4).

Note: *To avoid interference with the TV picture, place the Acoustimass module at least 18 inches (45 cm) from the TV. Move it further if you still notice interference.*

- Place the Acoustimass module so that the grille with the Bose logo faces the room or is perpendicular to the wall. This prevents blocking the sound output or creating too much bass.
- For best bass performance, DO NOT place the Acoustimass module at equal distances from any two walls or centered between the floor and ceiling.
- For convenience, you may want to slide the Acoustimass module under a table or behind a cabinet. However, DO NOT allow furniture or drapes to block its ventilation openings.

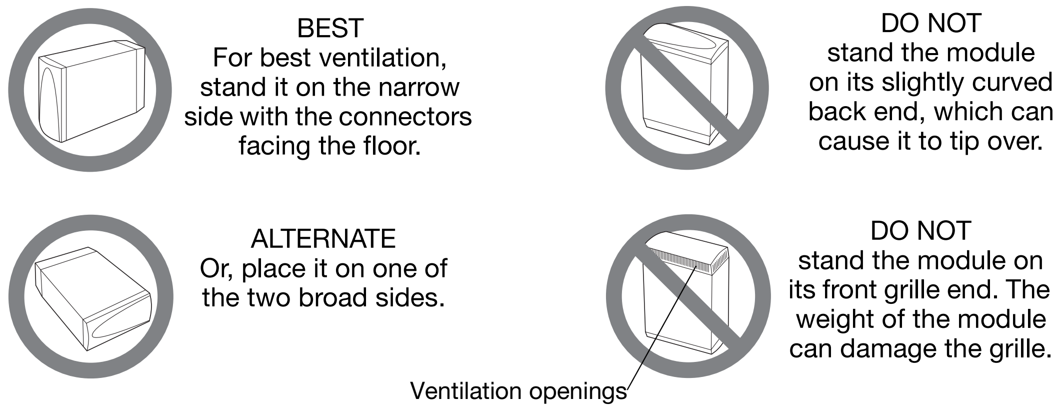
CAUTION: *DO NOT BLOCK the slots on the end the module, which provide ventilation for the built-in electronic circuitry.*

- Place the Acoustimass module within reach of the audio input cable, speaker cables, and an AC power (mains) outlet.

- Put any side of the Acoustimass® module on the floor. DO NOT stand it on either end (Figure 6).

Figure 6

Right and wrong placements for the Acoustimass module



- Once you have selected a position for the module, place the four self-adhesive rubber feet near the corners of the bottom surface. The rubber feet provide increased stability and protection from scratches.

CAUTION: *The magnetic field from the Acoustimass module is not a short-term risk to your video tapes, audio tapes, and other magnetic media. However, you should not store tapes directly on or near the Acoustimass module.*

Placing your media center

Note: *If the serial number on the bottom of the media center is not already printed on your Product Registration card, now is a good time to record it there and in the space provided on page 3 of this guide.*

Note: *Sending in the product registration card, included with your system, is very important if you want to receive software updates. Be sure to fill out the card and mail it to Bose.*

Select a location for the media center, keeping in mind the following guidelines:

- Do not block the front of the media center. Allow enough room to lift up the front cover and open the CD/DVD tray. Also, be sure you have a clear view of the display window on the front of the media center (Figure 7).
- Place the media center close enough to other sound sources (TV and VCR) to allow for easy cable connections. If you need additional audio or video cables to connect your components, see your dealer or call Bose® customer service. Refer to the Bose address list included with your system.
- Place the media center within 30 feet (9.1 m) of the Acoustimass module (the length of the audio input cable).

Note: *For convenience, until your system is completely installed, you may wish to place the media center where you have easy access to its rear connection panel.*

Figure 7

Front features of the media center

Front door – Make sure you have enough room to lift this door.

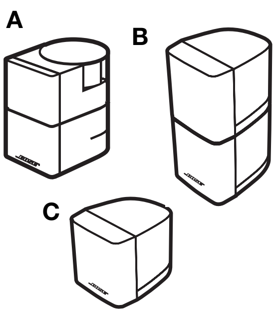
Display window – Make sure you can see this information while using your system.



Disc tray – Make sure nothing blocks this CD/DVD tray as it slides open.

The IR Emitter, which enables certain remote control operation, is located here.

Connecting the speakers to the Acoustimass® module



CAUTION: *Before you make any connections, be sure that the media center, the Acoustimass module, and any additional equipment are not connected to AC power.*

Your system may have Jewel Cube® speakers (image A on the left), which use a plug-in cable connect, or cube array or single cube speakers (images B and C respectively,) which use a two-wire cable. LIFESTYLE® DVD systems include five speakers.

Connecting the plug-in cable to Jewel Cube® speakers

Note: *If your system has cube or cube array speakers, follow the instructions in "Making the two-wire connections for cube or cube array speakers" on page 13.*

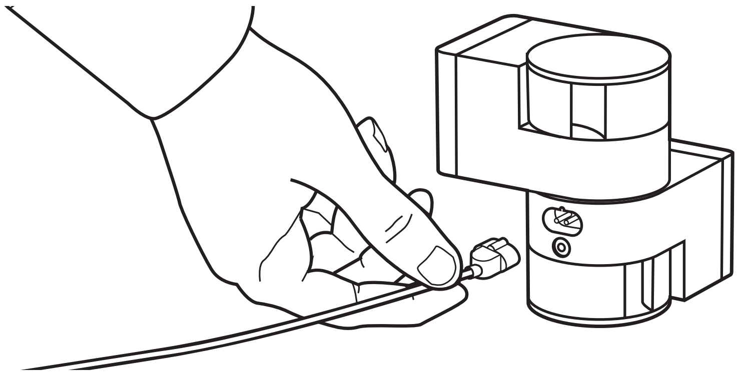
The positive and negative wires of the plug-in cable are properly oriented for polarity and the plug is designed to fit only one way into the jack.

1. Match the correct cable to the corresponding speaker location:
   - Front speaker cables have blue RCA connectors on one end and speaker plugs at the other end with L (left), R (right), or C (center) markings.
   - Surround speaker cables have orange RCA connectors at one end and speaker plugs at the other end with L (left) or R (right) markings.

2. Insert the speaker plug of each cable fully into the jack on the rear of one of the five speakers. The raised part on the plug slips into a notch at the top of the jack.

Figure 8

Making the plug-in cable connection



3. Connect the RCA connector at the other end of each cable to the corresponding jack on the Acoustimass® module (Figure 10 on page 14).
   - Blue connectors go into the matching left front, center, and right front jacks.
   - Orange connectors go into the matching left surround and right surround jacks.

Making the two-wire connections for cube or cube array speakers

Note: *The surround speaker cables are joined together for your convenience, providing an easy-to-use cable for connecting the surround speakers. To run the cables in different directions from the Acoustimass module, simply pull apart the cables as needed.*

Note: *To lengthen the speaker cables, use heavy-duty RCA extension cables, or splice in 18-gauge or thicker cord (connecting + to + and – to –). To purchase extension cables, see your dealer or electronics store, or call Bose® customer service. Refer to the Bose address list included with your system.*

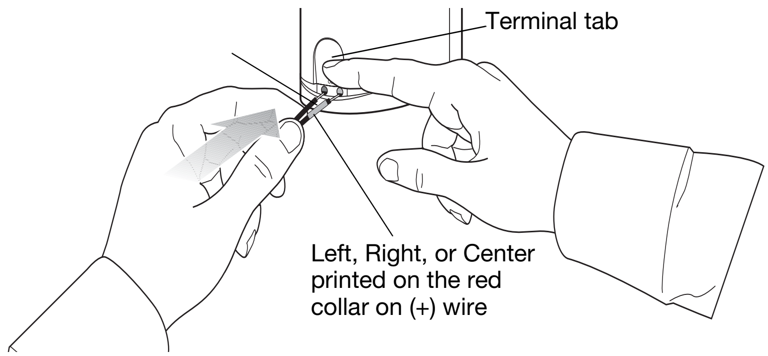
In Figure 9, the wire marked with a red collar is positive (+) and the plain one is negative (–). These wires match the positive (red) and negative (black) terminals on the back of each speaker.

1. Match the correct cable to the corresponding speaker location.
   - Front speaker cables have blue connectors at one end, with L (left), R (right), or C (center) molded into the connectors. A red collar on each + wire is labeled LEFT, RIGHT, or CENTER.
   - Surround speaker cables have orange connectors at one end, with L (left) or R (right) molded into the connectors. A red collar on each + wire is labeled LEFT or RIGHT.

2. Connect the wire end of one speaker cable to the terminals on the rear of the matching speaker.
   - Press the terminal tab on the back of the speaker and insert the marked wire (+) into the red terminal and the plain wire (–) into the black terminal.
   - Release the tab to secure the wire. Repeat this step for each of the five speakers.

Figure 9

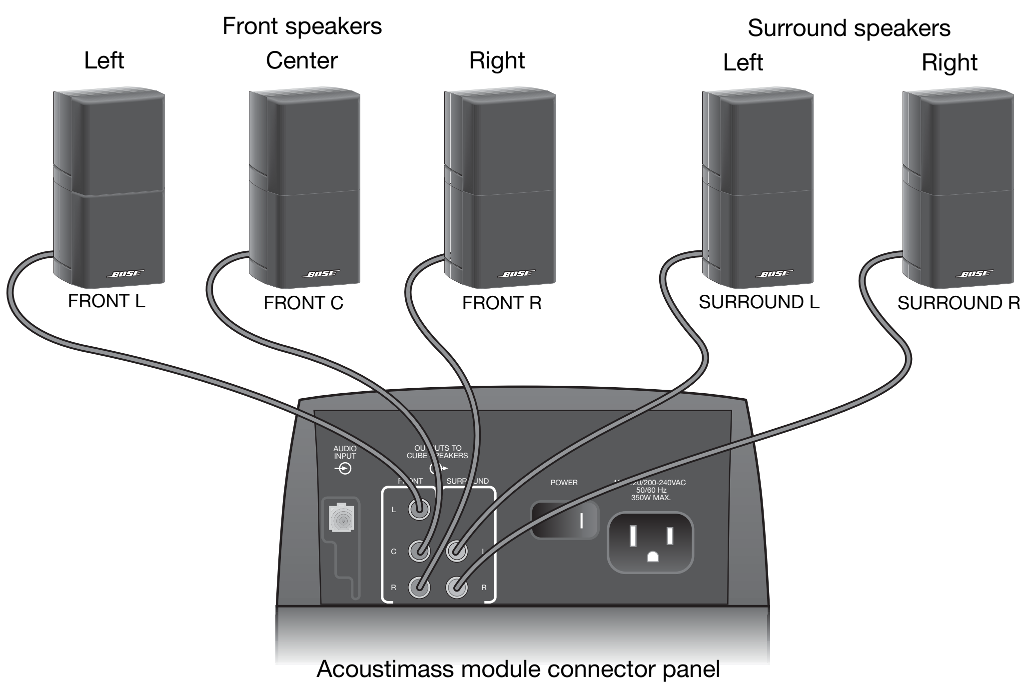
Connecting the two-wire cable to cube speakers



3. Connect each cable to the corresponding jack on the Acoustimass® module (Figure 10).
   - Plug the blue connectors into the matching left front, center, and right front jacks.
   - Plug the orange connectors into the matching left surround and right surround jacks.

Figure 10

Speaker connections to the Acoustimass module



♪ ***Note:*** *You may find it more convenient to place the Acoustimass module upside down while making connections. When done, place it on any of its sides but not on either end or top.*

Connecting the Acoustimass® module to the media center

Connect the Acoustimass module to the media center with the audio input cable (Figure 11).

Note: *Be sure that each connector is fully inserted into each jack.*

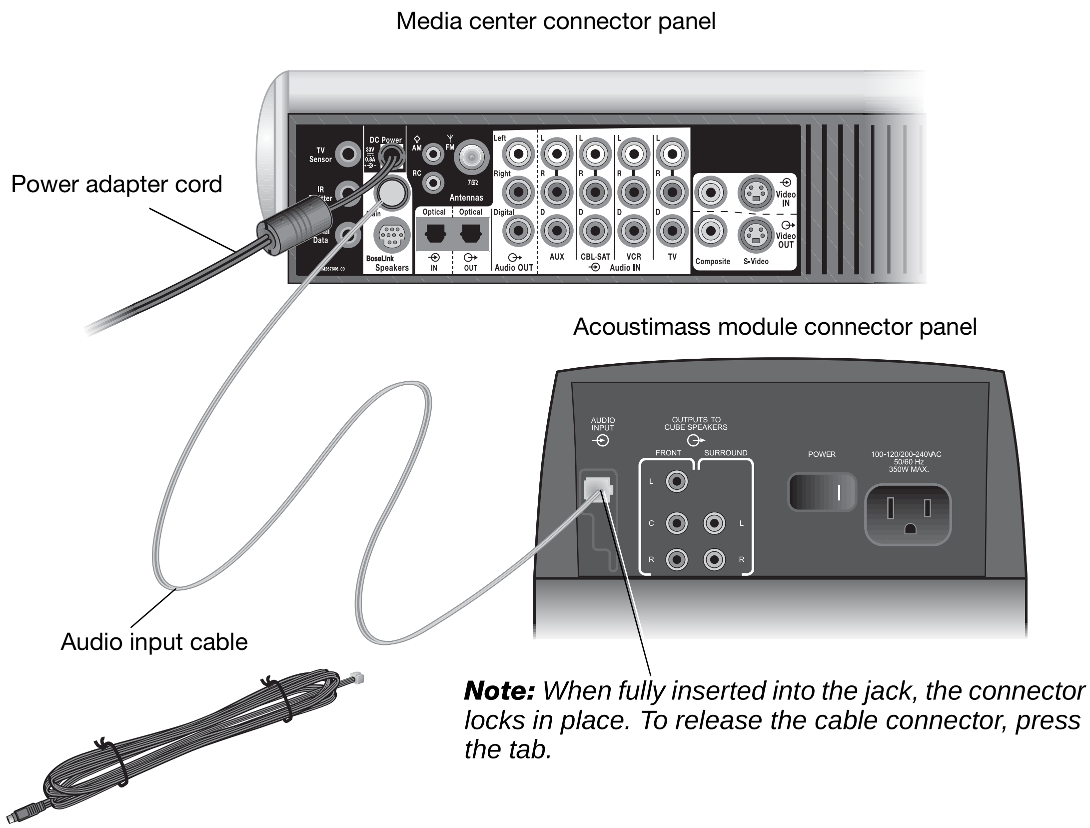
1. You may find it easier to insert the power adapter cord into the media center first. Do not plug the other end into an AC (mains) power outlet until all connections are completed.
2. Plug the small black multi-pin connector (flat side up) into the Speakers jack labeled “Main” on the back of the media center.
3. Insert the telephone-style RJ-45 connector on the other end of the audio input cable into the Audio INPUT jack on the Acoustimass module. When properly inserted, it locks in place.

Note: An antenna is built into the media center power cord; be sure to unwrap the power cord for the best remote control operation (Figure 11).

Note: *Refer to “Expanding your system to other rooms” on page 32 for information on connecting a second room.*

Figure 11

Acoustimass connection to media center



CAUTION: *Do not place strain on the audio input cable, especially on the connection to the Acoustimass module. Excessive strain on the cable may cause damage to the connection at the Acoustimass module. When disconnecting the cable from the Acoustimass module, be sure to press the tab on the connector.*

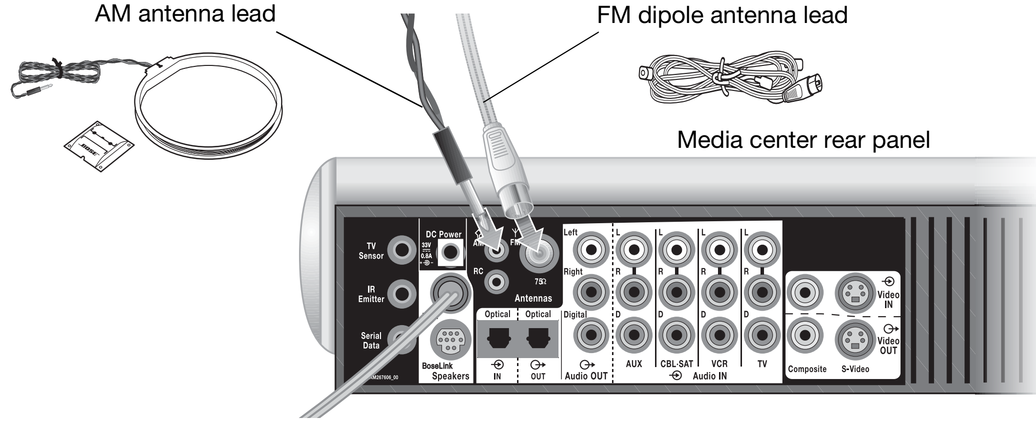
English

Connecting the antennas

You should connect the additional AM and FM antennas, included with your system, to the rear panel of the media center (Figure 12).

Figure 12

Connections for the AM and FM antennas



Note: *The FM jack (75 ohm) can be used with an outdoor antenna. To do this, consult a qualified installer. Follow all safety instructions supplied with the antenna.*

CAUTION: *Do not attempt to connect a television cable to the FM antenna jack.*

Connecting the FM antenna

Plug the connector on the FM dipole antenna lead into the FM antenna jack. Spread out the antenna arms. Change the orientation of the antenna arms to get optimum FM reception. Place the antenna as far from the media center and other components as possible.

Connecting the AM antenna

Note: *To mount the AM antenna on a wall, follow the instructions enclosed with the antenna.*

1. Plug the connector on the AM antenna lead into the AM antenna jack.
2. Stand the loop antenna on the base, following the instructions enclosed with the AM antenna.
3. Move the AM loop antenna as far as possible, at least 20 inches (50 cm), from the media center, and at least 2 feet (60 cm) from the Acoustimass® module. Experiment with the orientation of the loop for optimum AM reception.

Note: *AM radio reception may be adversely affected by your television. For best AM reception, turn the television off.*

Connecting to a cable radio provider

Some cable TV providers make FM radio signals available through the cable service to your home. This connection is made to the FM antenna jack on the back panel of the media center. To connect to this service, contact your cable TV provider for assistance.

Note: *Make sure that the cable radio installation includes a signal splitter so that only the FM radio band, not the cable TV band, is received by the media center. If necessary, contact a qualified installer.*

Connecting your TV to the system

The instructions below show basic connections to the media center and TV. This simple set of connections will allow you to use your system quickly. Later in this guide you will find other options for connecting additional components to your system.

Making the audio connection

Using the supplied stereo audio cable, connect the left (L) and right (R) audio outputs on the rear panel of your TV to the Audio IN TV L and R on the media center rear panel (Figure 12).

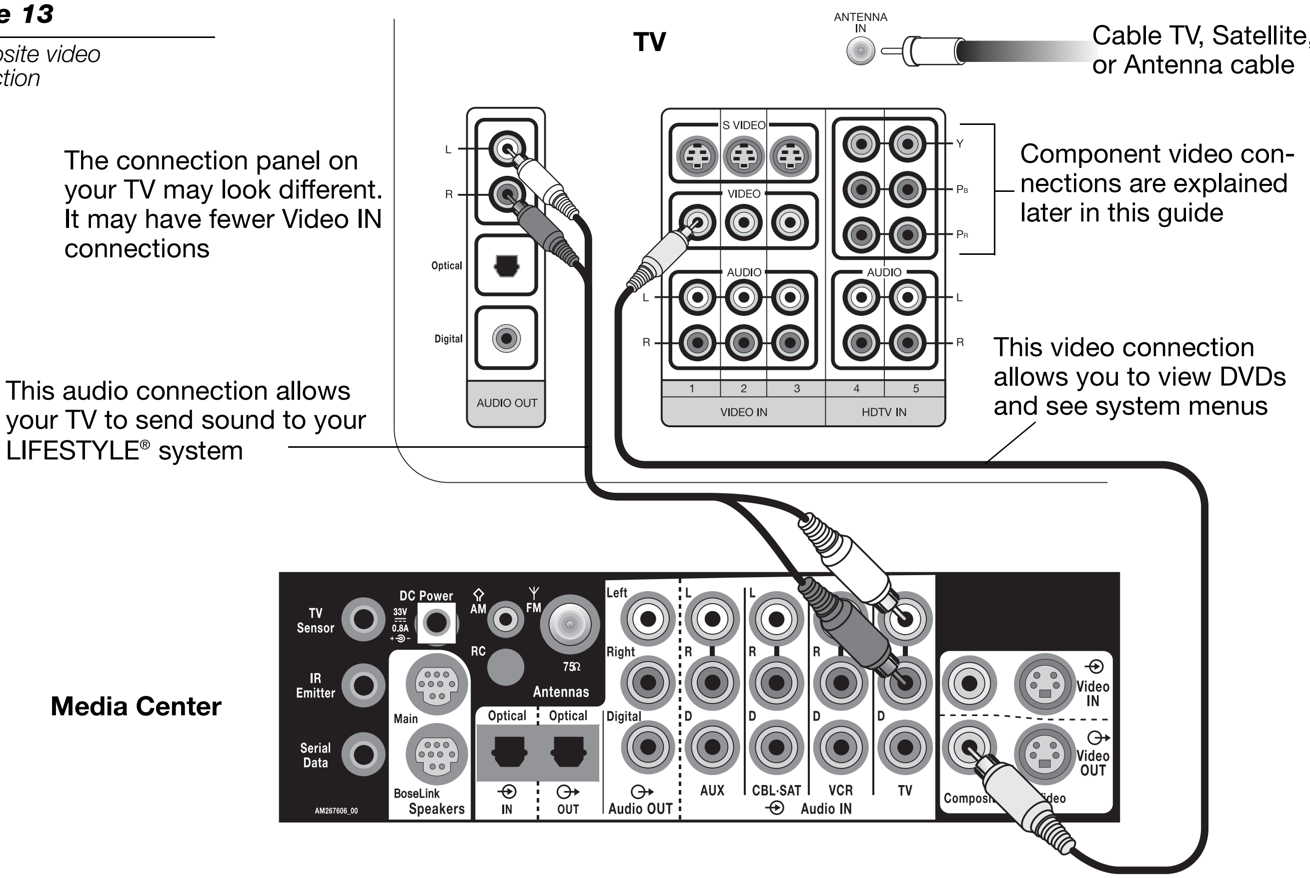
- If the TV has both fixed (FIX) and variable (VAR) outputs, use the ones for fixed output. If the setup menu for your TV allows, select Fixed in that menu.
- If you have a digital TV, you may connect a digital audio cable as well. This may either be a single coaxial cable with RCA connectors on each end, or an optical cable, which has a unique snap fit connector on each end.

♪ ***Note:*** *It is important to provide the analog connection along with the digital, to prevent a loss of sound caused by any temporary degradation of the digital signal.*

♪ ***Note:*** *On the TV, be sure to notice which Video IN jack is used. In the example below, the media center Video OUT is connected to the VIDEO 1 input on the TV. In this case, use your TV remote control to select VIDEO 1 to view DVDs and see LIFESTYLE® system menus.*

Figure 13

Composite video connection



Making a video connection

On your Media Center, connect the Composite Video Out to a Video In connection on your TV. See Figure 13.

- Use a single cable with a yellow RCA connector on each end.
- Remember the connection you used on your TV, such as VIDEO 1 or VIDEO 3, because that is the video input you must select, using your TV remote, to see a DVD picture or LIFESTYLE® system menus on your TV.

Selecting the proper TV video input

To view the DVDs and LIFESTYLE® system menus on your TV, you will need to select the input which connects the media center to the TV.

Until your LIFESTYLE® remote control has been taught to control your TV, use the TV remote control. With the TV remote control, press the TV input button. It may be called TV/VIDEO, Source, or Input. You may have to press it more than once, depending on which numbered connection you used.

Note: *Refer to the Controlling External Sources section in your Operating Guide for information on how to set the LIFESTYLE® remote to control the TV.*

Turning off the speakers in your TV

When you listen to TV sound through your LIFESTYLE® system, the speakers in your TV should be turned off or set to their lowest volume.

To turn their sound off:

1. Use the TV on-screen setting (not to be confused with the LIFESTYLE® system menu or settings menu).
2. Select Internal Speakers: Off (the wording for your TV may vary slightly).
3. If you have a choice between Variable and Fixed, choose Fixed.
4. Refer to your TV owner's guide for more detailed instructions.

Connecting the system to power

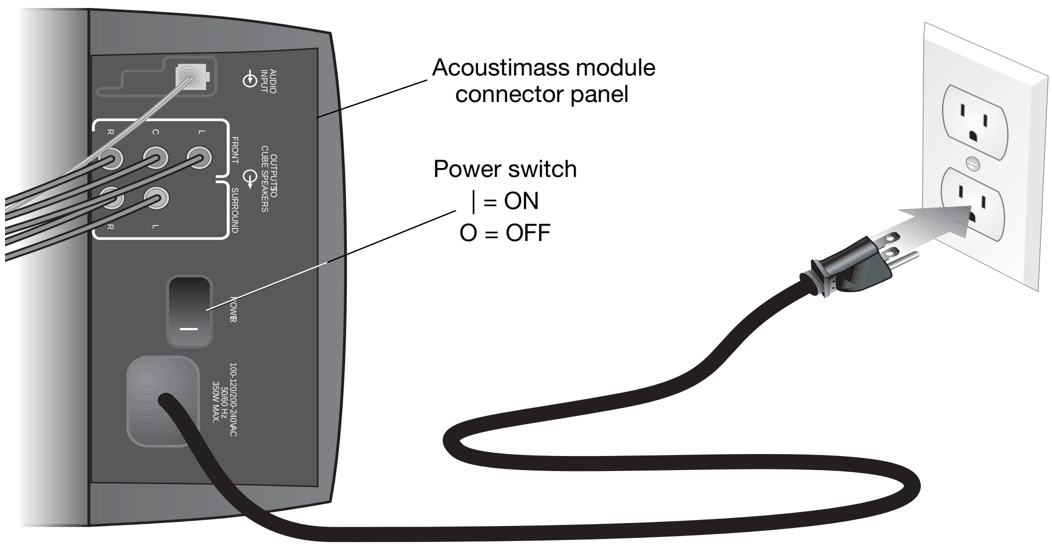
Note: *Bose recommends using a quality surge suppressor on all electronics equipment. Voltage variations and spikes can damage electronic components in any system. A quality suppressor can eliminate the vast majority of failures attributed to surges and may be purchased at electronics stores.*

Connect the two AC power (mains) cords in the following order:

1. Plug the small end of the Acoustimass® module power cord into the AC power jack on the connector panel of the Acoustimass module (Figure 14).
2. Plug the other end of the power cord into an AC (mains) outlet.
3. Turn the Acoustimass module **POWER** switch to on.

Figure 14

Power connection for the Acoustimass module

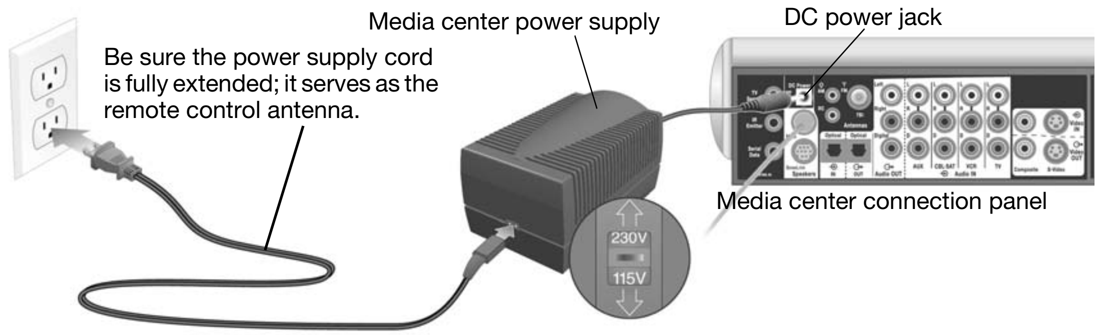


Note: *For dual voltage units (sold in certain areas), make sure the voltage setting on the bottom of the media center power supply matches the local power rating (Figure 15). Check with local electrical authorities if you are not sure of the appropriate power rating.*

4. If you have not plugged the small round connector of the media center power supply cable into the DC POWER jack on the media center connection panel, do so now (Figure 15).
5. Insert the power supply cord connector into the power supply and plug the cord into an AC (mains) outlet.

Figure 15

Power connection for the media center



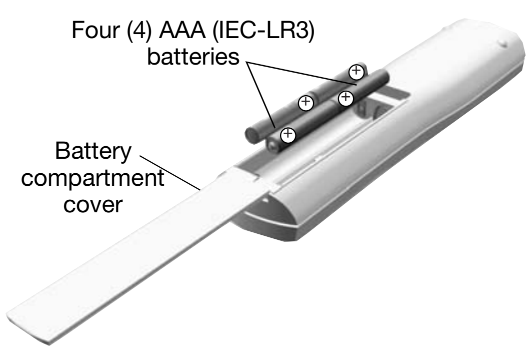
Installing the remote control batteries

Slide the battery compartment cover off of the back of the remote. Find the polarity markings (+ and –) inside the compartment and install the four batteries accordingly (Figure 16). Slide the cover back on the remote and snap it closed.

Note: *Do not change the settings of the factory-preset miniature switches. See your Operating Guide for information on how to prevent conflicts with other LIFESTYLE® systems.*

Figure 16

Remote control battery installation



Replace all four batteries when the remote control stops operating or its range seems reduced. Alkaline batteries are recommended.

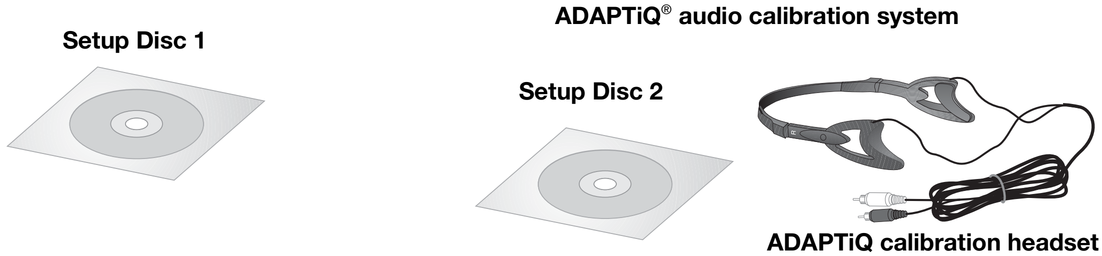
Your remote control will need to be "taught" to control external components of your home theater, including your TV. See your Operating Guide for details.

Finishing the basic installation

Your system comes with two compact discs.

Figure 17

Setup discs and AdaptiQ audio calibration system



- Setup Disc 1 provides information about your system and verifies that your speakers are connected correctly.
- Setup Disc 2 leads you through the ADAPTiQ audio calibration process, which tailors the sound of your LIFESTYLE® system and your speaker placement to the acoustics of your listening area.
  The special headset, designed to be **worn above your ears,** enables you to take acoustic measurements during the process. Put it on only when Disc 2 indicates.

Play both discs when everything is in place and you have made all of the connections. Allow approximately 20 minutes to complete the process. You may want to do it when the acoustic measurements will not disturb anyone.

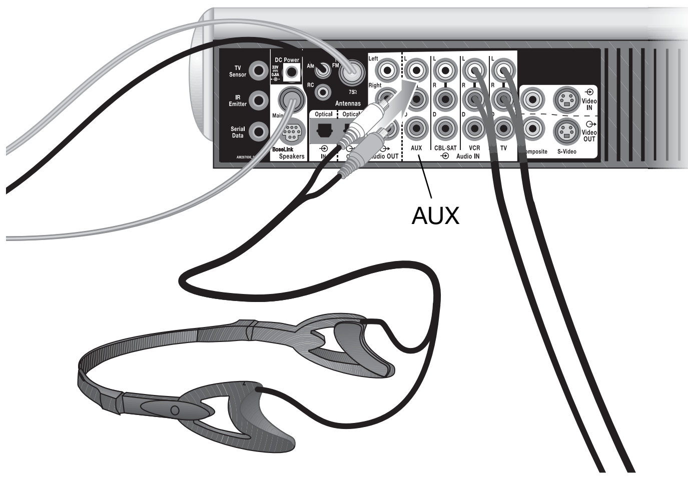
♪ ***Note:*** *The 220-240V LIFESTYLE® 18 Series II system includes Disc 1 only. Owners of that system do not need to follow the instructions for Disc 2 below.*

Using the ADAPTiQ® audio calibration system

1. Use the TV remote to turn on your television.
2. Select the video input connected to the LIFESTYLE® system media center.
3. Lift up the media center front cover and press the **Open/Close** button.
4. Insert Setup Disc 1 into the tray (label side up) and press the **Open/Close** button again.
5. On the remote control, press the **CD/DVD** button.
6. As the disc begins to play, listen carefully and follow the instructions. You will be instructed when to play Disc 2.
7. When Disc 2 indicates, connect the ADAPTiQ calibration headset to the AUX jacks on the connection panel of the media center as shown below.

Figure 18

Using the AdaptiQ calibration headset



8. Put on the headset so it rests **above your ears** for the greatest comfort during the ADAPTiQ audio calibration process.
9. Disc 2 will explain the procedure you are to follow.

Save the headset for possible future use

When you have played both discs and followed their instructions, the installation of your LIFESTYLE® DVD system is complete and its performance is tailored to the placement of your system and your listening area.

You may want to customize your system again if you move it to another room or significantly change the arrangement of the room by relocating furniture, the speakers, or the Acoustimass® module. You can repeat the steps in “Finishing the basic installation” on page 21 at any time.

Keep the headset and discs together in their original carton and store them in a safe location.

Installing the TV on/off sensor

The TV on/off sensor enables the system to automatically switch the TV on, as needed, when another video source (DVD, cable/satellite box, etc.) is selected. If you choose not to use the sensor, you need to turn on your TV separately. See Figure 19.

Note: *The TV on/off sensor is not included on LIFESTYLE® systems that use SCART connectors.*

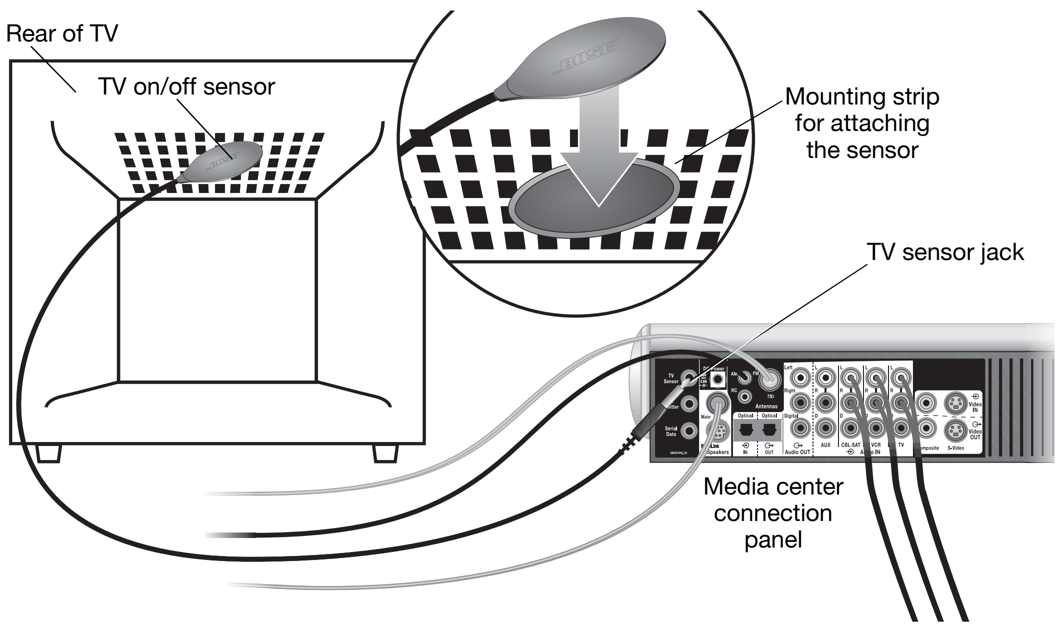
With larger TVs you may want a second person to help as you follow the steps below:

1. Plug the sensor cord connector into the TV SENSOR jack on the media center.
2. Temporarily position the TV on/off sensor on the back of your TV as shown in Figure 19.
3. Test the sensor and enable the feature. See "Programming your LIFESTYLE® system remote to control your TV" in your Operating Guide.
   A. Turn the TV on. Press the System button on the LIFESTYLE® system remote. Access Video/TV power status.
   B. As one person moves the sensor near the rear vent area of the TV, another person observes when TV Power Status changes from "TV not detected" to "TV ON".
   C. In the menu navigate to TV Power (directly above TV Power Status). Change this from "Manual" to "Automatic."
   D. You will need to select the TV brand and device code, as explained in the guide.

Note: *DO NOT use the mounting strip to permanently mount the sensor until you have tested and enabled this automatic feature as explained in the Operating Guide.*

Figure 19

TV on/off sensor installed on your TV



Note: *For a projection TV, the bottom rear of the enclosure is the best location for mounting the sensor. Front projectors that use a separate screen may need to be turned on and off manually.*

Using alternate video connections

This section shows you how to set up your home theater system to incorporate additional components, such as VCRs and Cable/Satellite boxes. It also explains different ways to make the connections.

- **Make audio connections from components to the media center.**
  There are three different types of audio connections: the analog (L and R) connection you are probably familiar with, and two types of digital connections, either a coaxial digital (single cable with RCA connectors at each end), or an optical connection. See “Using digital audio connections” on page 30.
- **A composite and an S-Video connection or a single component connection can be made from the media center to the TV.**
  Your choice of connection will depend on your preference and the type of jacks provided on your TV. Explanations and diagrams on the following pages show variations that you may use in your home theater setup.
- **Connect other video devices directly to the TV.** The remaining video connections go directly to the TV (assuming it has multiple connection jacks on its back panel).

Composite video

This is a standard video input on televisions. To make this connection, use the supplied Video cable (with yellow connectors) to go from the Composite Video OUT on the media center and to a video input jack on your TV. Be sure to note which jack you use on the TV.

S-Video

An S-Video input jack, provided on many TVs, delivers higher picture quality than composite video output. To make this connection, use the S-Video cable included with your system to connect the S-Video OUT jack on the media center and to the S-Video input on your TV.

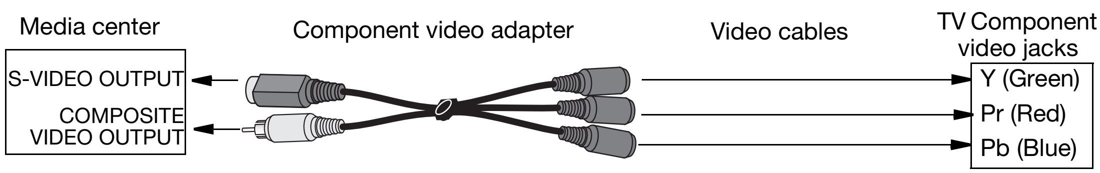
Component video

If your want to use the system’s progressive scan feature and your TV has component jacks, you will need to use one of the two Component video adapters provided with your system (Figure 20). This adapter takes three separate video signals (Y, Pr, and Pb) from the media center and makes them available on standard video jacks. The adapter uses both Video out jacks on the media center, so you can only make one component connection to the TV. Video-grade cables from these jacks are not supplied and you will need to purchase them separately.

Note: *For more information, or to purchase the video cables, contact your local electronics store or authorized Bose® dealer.*

Figure 20

The Bose component video adapter



To make Component video connections:

- Plug the two-connector end of the adapter into the S-Video and Composite OUT jacks on the media center.
- Connect the other end of the adapter to video-grade cables.
- Connect the free ends of the video cable to the Y, Pb, and Pr jacks on your TV, matching the colors on the adapter appropriately.

Note: *You need to turn on the progressive scan feature using the display on your media center. To do this, see "*Making it all work smoothly *in your Operating Guide." You will also need to set your TV for progressive scan. Follow the instructions that came with the TV.*

English

Connecting your VCR to the system

The rear panel of the media center provides audio and video connections for your VCR.

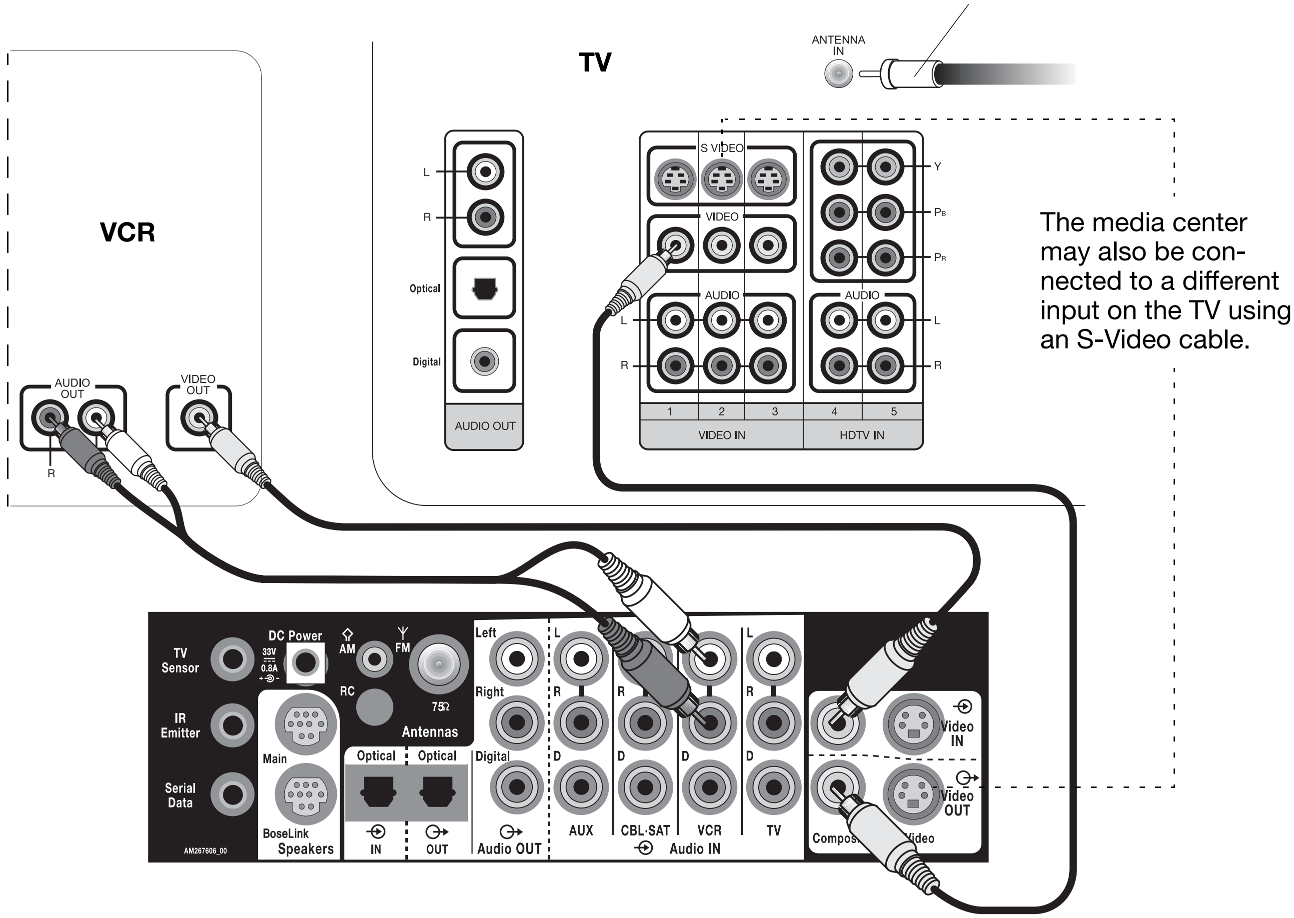
♪ ***Note:*** *If you have already used the video and audio cables supplied with your LIFESTYLE® system, or your VCR does not provide any, you need to purchase additional cables. Contact your local electronics store or authorized Bose® dealer.*

Most VCRs have a Composite video output, which is the type of connection explained below. Follow these steps to make the VCR connections:

1. Using audio cables, connect the left (L) and right (R) audio outputs on your VCR to the L and R VCR Audio IN jacks on the media center rear panel.
2. Using a video cable, connect the VCR (Video OUT) to the media center (Composite Video IN). Then use another cable to connect the media center (Composite Video OUT) to the TV.

Figure 21

VCR connection



You can use an S-Video cable to connect the media center (Video OUT) to your TV, for higher DVD picture quality. The composite connection made in Step 2 above will pass the VCR video to the TV. Remember to select the proper TV input when you change from watching video tapes to DVDs and vice versa.

If your media center is connected to the TV using the Component video adapter, you cannot connect a VCR to the media center. Connect it directly to another input on the TV and select that input on the TV to watch videotapes.

English

Connecting your cable/satellite box to the system

There are various ways to make the cable/satellite connections:

1. Connect cable/satellite L & R Audio OUT to the L & R Audio IN jacks on the media center.
   - If the cable/satellite box has a DIGITAL Audio OUT jack, connect it to the CBL/SAT DIGITAL Audio IN jack on the media center.
2. If the cable/satellite box has an S-VIDEO OUT jack, connect it to the S-VIDEO IN jack on the media center. Use another S-VIDEO cable to connect the S-VIDEO OUT jack on the media center to an S-VIDEO jack on the TV.
   - If the cable satellite box has only a composite VIDEO OUT jack, connect that to the composite VIDEO IN jack on the media center.

Connect a VCR to this system as follows:

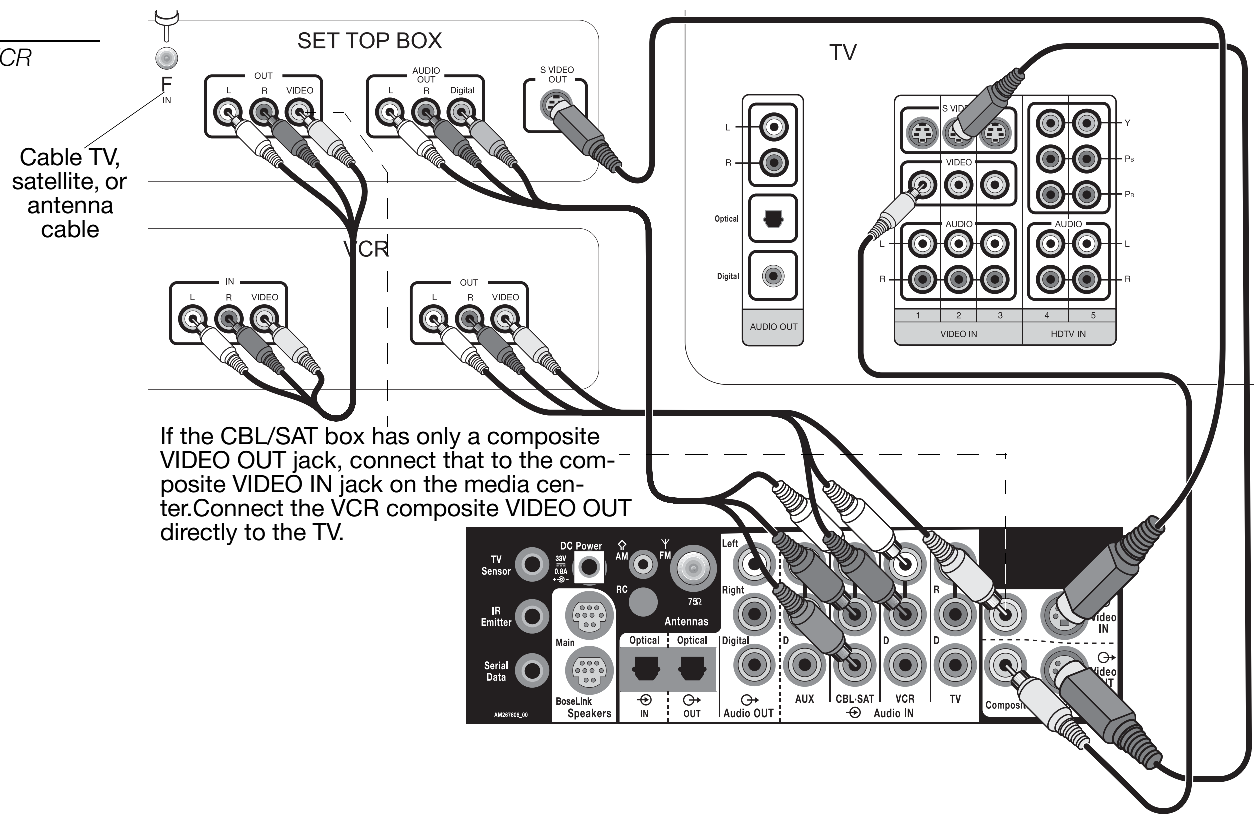
1. If your cable satellite box has an additional set of Audio and VIDEO OUT jacks connect them to the corresponding Audio and VIDEO IN jacks on your VCR.
2. Connect the VCR to the VIDEO IN jack on the media center. If that jack is unavailable, connect the VCR directly to the TV.

In Figure 22, select Input 2 on your TV to watch cable/satellite programs. Select the CBL/SAT sound source. This input will also provide better video quality when watching DVDs. To watch videotapes, select Input 1 on your TV (or the TV input to which you directly connected the VCR) and select the VCR sound source.

♪ ***Note:*** *Additional cables may be purchased at an electronics store or authorized Bose® dealer.*

Figure 22

Set top box and VCR



Using Component video connections

Follow the connection diagram in Figure 23 to achieve the best video quality for DVD and cable/satellite viewing, while adding a VCR to your home theater. Refer to “Component video” on page 24, if necessary.

To watch DVDs and see LIFESTYLE® system menus, select the VIDEO 4 input on your TV,

or,

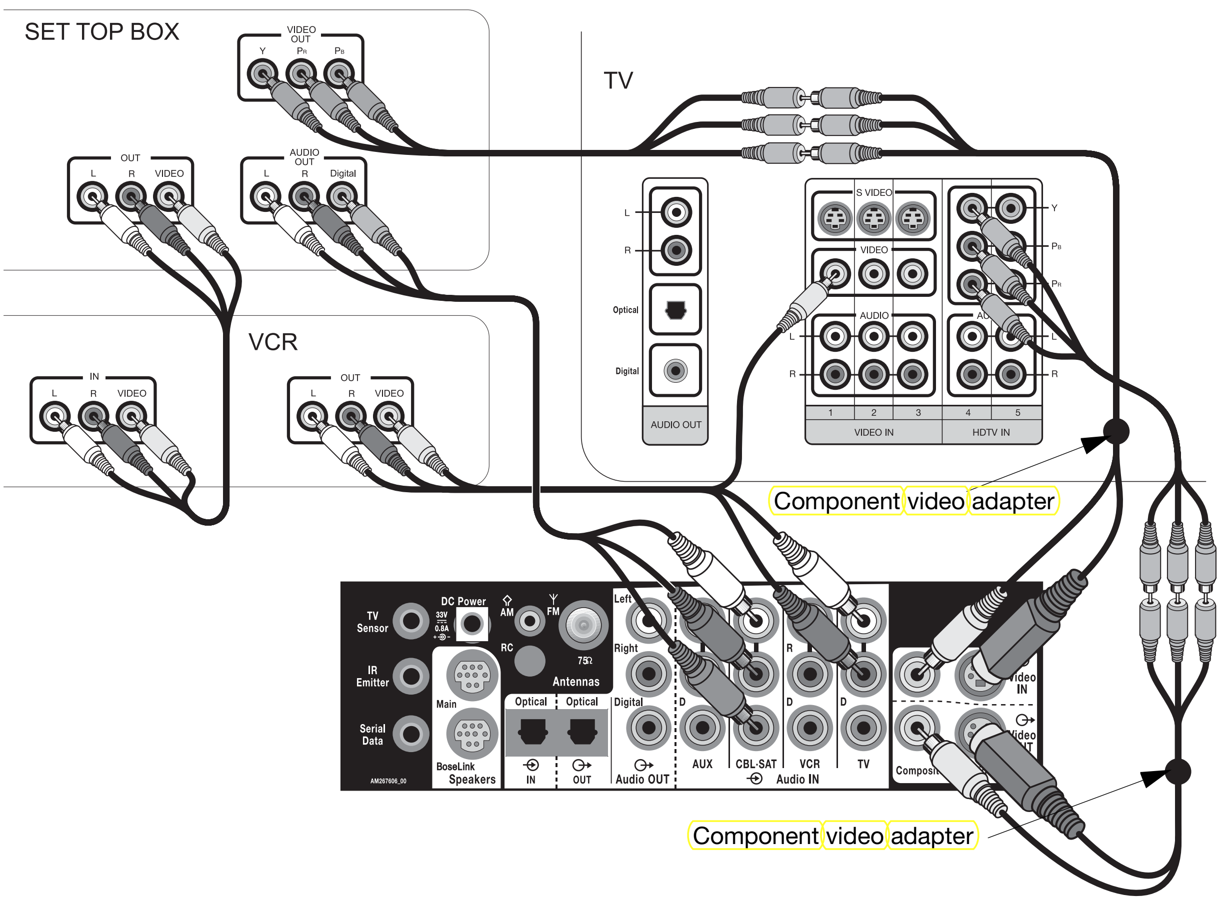
if your cable/satellite box has component jacks, connect them as shown in the diagram and select VIDEO 4 on your TV. Select CBL/SAT on your LIFESTYLE® system remote.

Connect the VCR (VIDEO OUT) to an available VIDEO IN jack on your TV. Select that TV input. Connect the VCR (Audio L and R OUT) to the TV Audio IN jacks on the media center and select the TV source on your LIFESTYLE® system remote.

Figure 23

Component video connection

Note: *To make the connections shown in the diagram below, you will need additional cables.*



Note: *Two comonent video adapters are provided.*

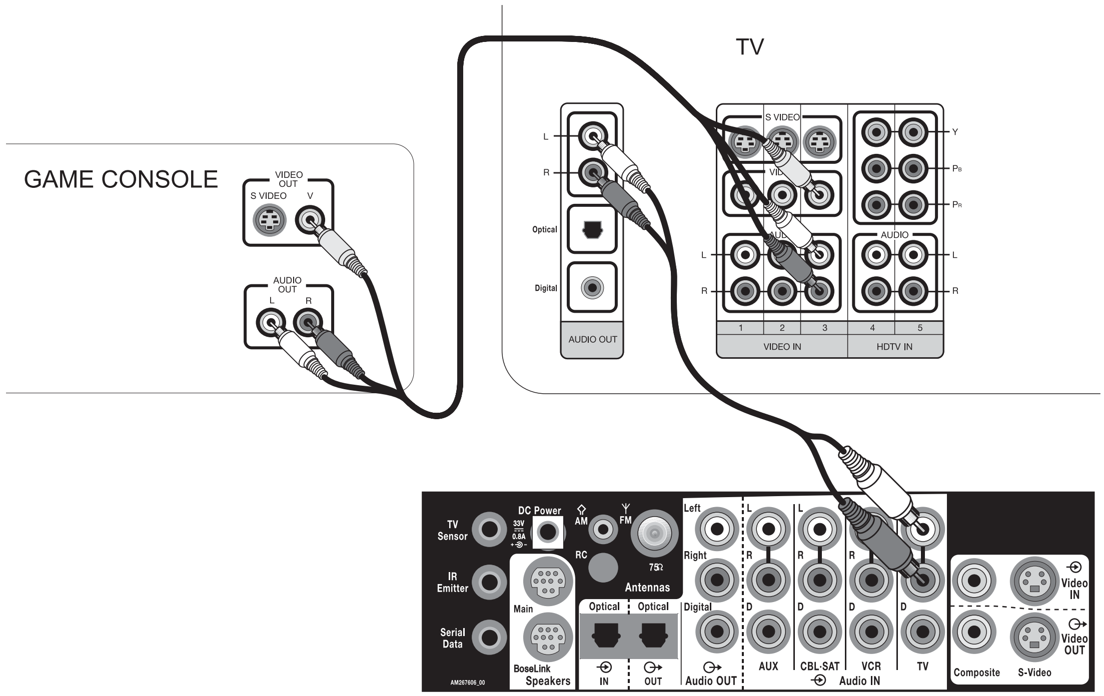
English

Connecting a game console

Connect a game console directly to an available TV input. To play, select that TV input and select TV audio on your LIFESTYLE® system remote. See Figure 24.

Figure 24

Connecting a game console



Connecting other components

Use standard RCA audio cables, matching the white (or black) connector to the L (left) channel and the red connector to the R (right) channel. See Figure 25.

If the component is mono, use a Y adapter to connect it to the media center. Appropriate cables and adapters are available at most electronic stores.

If the component has a digital output use the corresponding digital input beneath the set of analog (L and R) inputs.

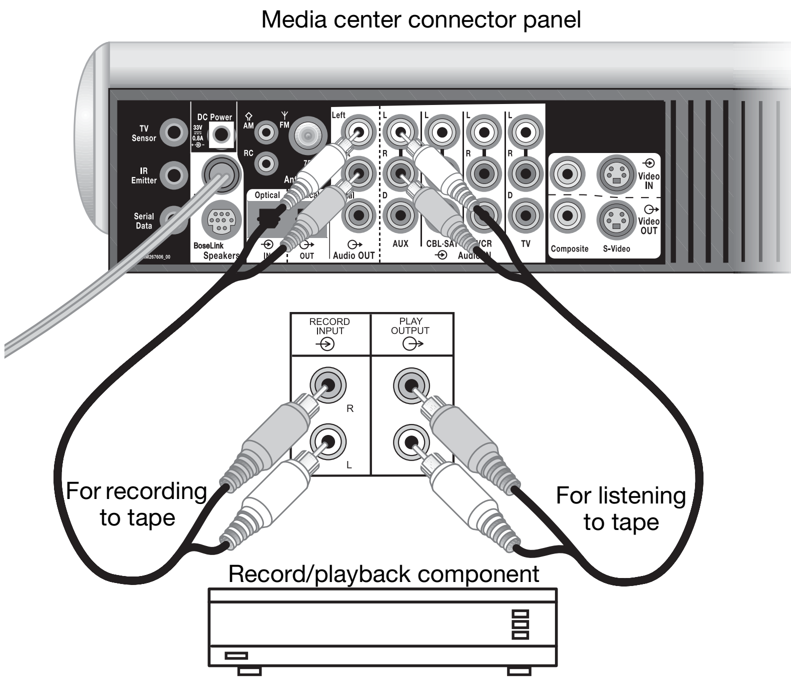
You could also use an optical connection, if the component has one. See Figure 27. You must identify the optical source using the System/Media Center/Optical Source menu.

Connecting record/playback equipment

The rear panel of the media center provides input (AUX) jacks for listening to and output (Audio OUT) jacks for recording to a cassette tape deck.

Figure 25

Record/playback connections



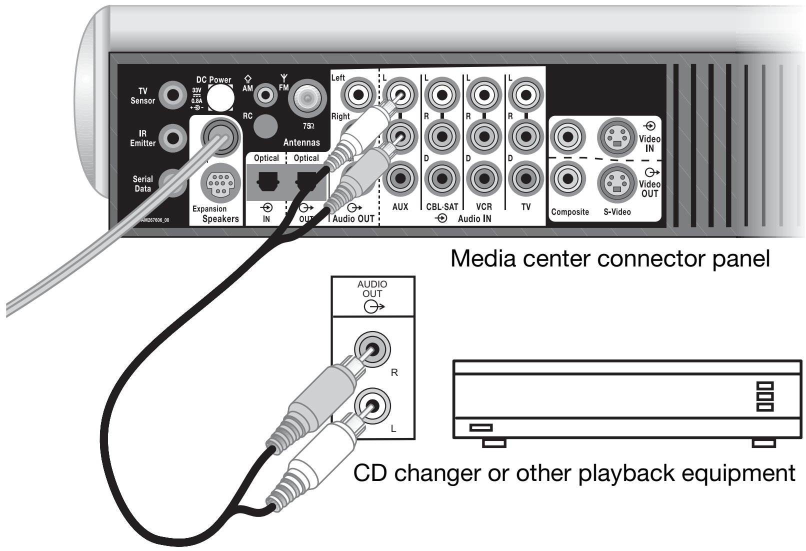
Connecting other playback equipment

Other playback components such as an audio CD changer can be connected to the AUX or other unused inputs on the rear panel of the media center.

English

Figure 26

AUX input connections



Using digital audio connections

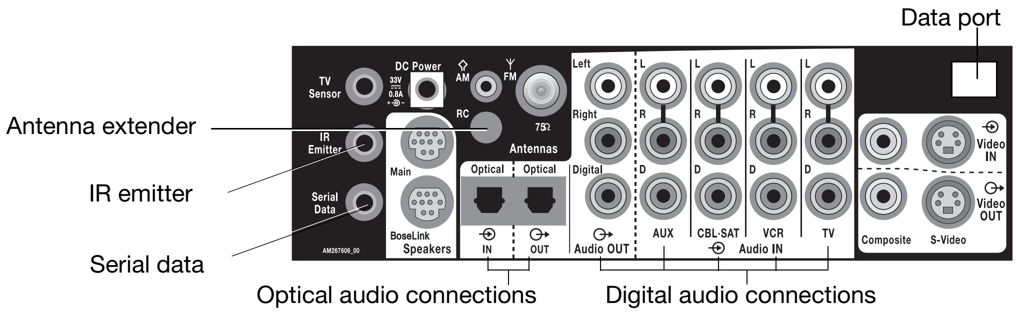
If your TV, VCR, tape deck, or AUX component has digital audio output jacks, you may connect them to the media center. In addition to the digital connection, be sure to connect L and R stereo outputs from the component to the media center. This will provide uninterrupted audio. See Figure 27.

- For a digital connection, use a 75Ω cable with RCA connectors (such as a video cable).
- For an *optical* digital connection, insert an optical digital cable into the Optical IN on the media center rear panel. Use the Optical OUT jacks on the media center rear panel if you plan to make a digital recording from that component.

Note: *Before you can listen to a source through the OPTICAL input, you need to assign the OPTICAL connection to that source: TV, VCR, CBL/SAT or AUX. See your operating guide for instructions on using the system menus.*

Figure 27

Digital audio and other media center panel connections.



Other jacks on the media center panel

Connecting an optional antenna extender

If your remote control does not communicate with the media center, the batteries may need replacement or it may be out of transmission range. To extend the range, plug an antenna extender, which may be purchased at an authorized Bose® dealer, into its connection on the media center. See Figure 27 on page 30.

Connecting the optional IR emitter cable

The IR (infrared) emitter cable is designed for optional use when a particular component does not respond to LIFESTYLE® system remote control commands. That is, the component is connected to the media center, but placed where it cannot receive the IR signals from the media center. The IR emitter can be placed next to one component only. See Figure 27 on page 30.

To use the emitter:

1. Insert the 3.5 mm plug into the IR EMITTER jack on the media center panel.
2. Place the flat side of the other end of the cable near the unresponsive component so that the remote control signals reach that component.

♪ ***Note:*** *Refer to "Controlling external sources" in your LIFESTYLE® system Operating Guide for details on how to program the LIFESTYLE® system remote so that it works with your other component.*

3. Confirm that IR signals now work to control that component. Move the emitter around, as necessary, to find the best position.
4. Use the double-sided tape enclosed with the emitter to affix it in the proper position.

♪ ***Note:*** *If you have questions, or need to obtain a replacement emitter, contact Bose customer service. Refer to the Bose address list included with your system.*

Data port for system backups

Some systems will have a data port for future use. See Figure 27.

Serial data jack

This jack is for factory and service use only.

Expanding your system to other rooms

Your media center provides two audio output jacks.

- One sends audio to the speakers connected to the media center in the main room.
- The other jack, labeled BoseLink Speakers, connects other speakers in other rooms. Special Bose® link cables are available for that connection. The cable allows you to take advantage of an advanced system capability. You can send separate programs from two separate sources to different rooms throughout your house...even outdoors.

The Bose® link network can incorporate a variety of Bose® speakers and systems, using available Bose custom cables and adapters. See "*Setting up a second room with sound*" in your Operating Guide.

How to decide what to add

One option is using a Bose product you already own, if you want sound reproduced in just one additional room.

To adapt legacy (pre-existing) Bose products for this purpose, you need to know:

- Powered Acoustimass® 5 or Acoustimass 20 speakers require a variable RCA to DIN cable.
- Lifestyle® stereo amplifier, Model SA-2 or SA-3, for use with passive Bose speakers, restricts to one pair the number of speakers you can add.
- Any Wave® radio or other existing Bose stereo system requires use of a variable cable adapter.

To properly connect and control additional speakers, you need:

- Another LIFESTYLE® system remote control to adjust the volume and turn the additional set of speakers on and off.
- Appropriate LIFESTYLE® system cables to connect the added speaker system.

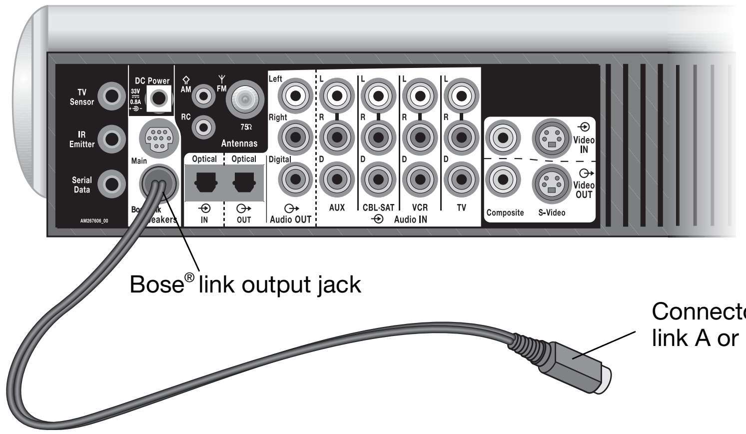
For further information, or to purchase compatible equipment, see your Bose authorized dealer. Or, to contact Bose directly, refer to the address list provided with the system.

How you make it all work together

- Connect a Bose® link speaker cable from the Bose® link jack on the media center to the audio input of the additional equipment (Figure 28).

Figure 28

Media center output connection for Bose® link speakers



Note: *You may need to change the “Expansion Protocol” setting for the additional speakers. Before using them, refer to instructions in your Operating Guide.*

Note: *A Bose® link A cable is used to connect the LIFESTYLE® system to a Bose SA-2 or SA-3 amplifier. This cable is included with the amplifier.*
A Bose® link B cable is used to connect the LIFESTYLE® system to a Bose 3•2•1 Series II or Bose Wave® radio/CD II.

Accessories

For information on speaker mounting brackets and stands, additional remote controls, and connecting additional Bose® powered loudspeakers, contact your Bose dealer, call Bose customer service, or visit www.bose.com.

Limited warranty

Your LIFESTYLE® home entertainment system is covered by a transferable limited warranty. See your Product Registration card for details. Please be sure to fill out the information section on the card and mail it to Bose. Failure to do so will not affect your limited warranty.

Contacting customer service

For additional help in solving problems, contact Bose customer service. See the address and phone number list provided with your system.

Technical information

Media Center power pack power rating

USA/Canada: 120V∿ 0.55A 50/60 Hz 33VDC⎓ 1.1A

International: 220-240V∿ 0.30A 50/60 Hz 33VDC⎓ 1.1A

Dual voltage: 115/230V∿ 0.55A 50/60 Hz 33VDC⎓ 1.1A

Speaker system power rating

USA/Canada: 100-120V∿ 50/60 Hz 350W

International: 220-240V∿ 50/60 Hz 350W

Dual voltage: 100-120/220-240V∿ 50/60 Hz 350W

Media center inputs

Audio IN:

- AUX: 2Vrms, maximum; L, R and D (digital SPDIF)
- CAB-SAT: 2Vrms, maximum; L, R and D (digital SPDIF)
- VCR: 2Vrms, maximum; L, R and D (digital SPDIF)
- TV: 2Vrms, maximum; L, R and D (digital SPDIF)

Video IN:

- Composite: NTSC or PAL $1V_{p-p}$ with sync 75Ω
- S-Video: Luminance $1V_{p-p}$, Chrominance $0.3V_{p-p}$

Optical IN:

- SPDIF digital, assignable

Antenna:

- FM 75Ω
- AM 12µH

TV Sensor: Scan frequency sensing

Media center outputs

Speakers Main and Expansion: Variable audio, user selectable

Optical OUT:

- SPDIF, –15 to –21 dbm

Audio OUT:

- L and R fixed audio

- D SPDIF

Video OUT:

- Composite: NTSC or PAL $1V_{p-p}$ with sync 75Ω
- S-Video: Luminance $1V_{p-p}$, Chrominance $0.3V_{p-p}$
- Component: (combination of Composite and S-Video)

Remote control range

65 ft (20 m)

Dimensions/Weights

Media Center:	15.8"W x 11.0"D x 3.5"H (40.1 cm x 27.9 cm x 8.9 cm)	8.2 lb (3.7 kg)
LIFESTYLE® 18 system cube speakers:	3.1"W x 4.0"D x 3.1"H (7.9 cm x 10.2 cm x 7.9 cm)	1.1 lb (0.5 kg)
LIFESTYLE® 28 and 38 system cube array speakers:	3.1"W x 4.0"D x 6.2"H (7.9 cm x 10.2 cm x 15.7 cm)	2.4 lb (1.1 kg)
LIFESTYLE® 48 system Jewel Cube® speakers:	2.2"W x 3.2"D x 4.4"H (5.6 cm x 8.1 cm x 11.2 cm)	1.0 lb (0.5 kg)
Acoustimass® module:	8.0"W x 24.5"D x 16.0"H (20.3 cm x 62.2 cm x 40.6 cm)	35.9 lb (16.3 kg)

Finish

Media center: Aluminum

Cube speakers: Polymer painted

Acoustimass module: Vinyl veneer, Polymer

Better sound through research®

274398 AM Rev.00 CCM-000363